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Attorney Docket No.: 040235
Date: February 18, 2004
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021804

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): J. Rodney Walton, John W. Ketchum, Mark S. Wallace, Steven J. Howard and Sanjiv Nanda
For: TRANSMIT DIVERSITY AND SPATIAL SPREADING FOR AN OFDM-BASED MULTI-ANTENNA COMMUNICATION SYSTEM.

Enclosed are:

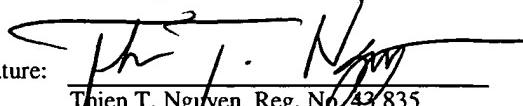
1. Patent application (48) total pages.
2. Drawings: Formal (8) sheet(s) or Informal () sheet(s).
3. Declaration/Power of Attorney: Signed Unsigned
4. This application claims priority from Application Serial No. , Filed , Status
5. An Assignment () pages and Recordation Form Cover Sheet.
6. A Preliminary Amendment () pages.
7. Information Disclosure Statement (IDS):
 - a. PTO-1449
 - b. Copies of IDS Citations (number of citations:)
8. Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	62 - 20	42	x \$18 =	\$756.00
Independent**	13 - 3	10	x \$86 =	\$860.00
Multiple Dependent Claim(s):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		\$290	\$0.00
APPLICATION FILING FEE			\$770	\$770.00
			TOTAL FEE	\$2386.00

- *If the number in column a is less than 20, enter 0 in column b.
**If the number in column b is less than 3, enter 0 in column b.
9. A check in the amount of \$ _____ is enclosed to pay the filing fee.
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Date: February 18, 2004

Signature:


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